GRUMMAN
plane news

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Firefighters douse East End blaze

"There's no dirtier fire than a brush fire. It's just real hard work," says George Rose, Calverton's crash fire chief. Rose and six men from his crew, along with two bulldozer operators from Facilities and a mechanic from Transportation, were part of the 1,000-strong corps of firefighters who battled brush fires around the Calverton facility over the Memorial Day weekend.

On the wind

The three major fires on Monday, May 25, in towns to the north, south and west of Grumman's final assembly and flight test facility challenged 80 of the 110 fire companies in Suffolk County. Over 1,000 acres of scrub pine were destroyed; some 200 of them were on Grumman property.

According to Rose, the fire on Monday started behind the Brookhaven National Laboratory, which is west of Grumman. "The wind brought it right at us," says Rose.

"The fire came to Wading River Road, which is the western boundary of the facility, jumped across and landed on Grumman property. It landed in the woods and took off again."

Helping hand

Using bulldozers and their own firefighting equipment, Rose says they were able to head off the fire.

Calverton provided support to the hundreds of firefighters battling the blaze throughout the weekend. On Saturday, Grumman sent a 2,000 gallon capacity pumper to help fight a blaze which had broken out to the south of the facility.

While Grumman's crew was helping fight the fires on Monday, tankers from local fire companies were being filled by Grumman. "We just kept loading them," says Rose.

Close to home

Says Joan Keays, a Shoreham resident who works in Plant 6 in Calverton, "I live a good five mile distance from the fires. My backyard was getting ash fallout. I could see, on my way in to work from Route 25 to Grumman Boulevard, almost everything on the right hand side was burned out. Only the homes were saved."

Kept things cool. *On Monday, May 25, brush fires burned a thousand acres of land around the Calverton facility. But, inside Grumman's gates, (L to R) Larry Heinz, Frank Joanides, Ned Jones, George Gashott, Fuzzy Tergersen, George Rose, Jim Grieshaber, Alex Rogozinski, Jerry Navratil and Bob Fox kept the flames from spreading.*

'Watt's in it for me?' 20 prizes

This spring, Grummanites and their families got the chance to test their E.Q. (energy quotient) by entering the Grumman Energy Conservation Services' contest.

Of the 1,677 people who took the energy test, 1,258 scored 100 percent and were eligible for a prize drawing.

The winners won the following prizes:

10-speed bicycle: Joshua Heisman, Pl. 35; Sal Salina, Pl. 5; and Kathryn Zanadzki, Pl. 28.

Weather station: Harry Adams, Pl. 30; John Madeiros, Pl. 77; Stella Saks, Pl. 2; William Wiederkehr, Pl. 56; and Gladys Williams, Pl. 44.

Desk set: Gary Aldrich, Pl. 81; Victor Cullen, Pl. 40; Michael Fix, Pl. 81; James Ford, Pl. 81; James Grassiano, Pl. 2; Kim Lepore, Pl. 28; John Neville, Pl. 43; Patrick Pollizzi, Pl. 4; Thomas Reilly, Pl. 8; Anthony Spinnicchia, Pl. 5; John Winn, Pl. 12; and Ludgar Zakshevsky, Pl. 40.

For those who would like to improve their energy quotient, here are the correct answers to the quiz.

1. *Flourescent lights use three times less energy than incandescent bulbs.* True.

Unlike incandescent bulbs, fluorescent lights do not depend upon the buildup of heat for light. They convert energy to light by using an electric charge to "excite" and ionize gaseous atoms within the light. This gaseous discharge emits a strong visible light. The conversion of electricity to light in a fluorescent light is three times as efficient as in an incandescent bulb.

2. *Showers use less water than baths.* True.

It takes at least 30 gallons of water to fill the average tub. A typical shower should take less than five minutes and with a typical flow rate of four gallons per minute would use only 20 gallons for five minutes.

3. *If you will be away from your work station for longer than five minutes, you should turn off the fluorescent light.* True.

No energy is required to turn a light off and the initial charge required to turn a fluorescent light back on does not use a significant amount of energy.

4. *The hot water heater accounts for 20 percent of all energy used in the average home.* True.

About 70 percent of the energy consumed in an average home is used to heat and cool. An additional 10 percent goes into lighting, cooking and running appliances. Twenty percent goes for heating water.

5. *In areas where bright light is needed, it is better to use one large bulb instead of several smaller bulbs.* True.

The efficiency of incandescent bulbs increases as the wattage increases. Therefore, substitution of a 100-watt bulb for two 60-watt bulbs produces more light and uses less electricity. As for fluorescent lights, longer lamps are better to use than multiple shorter lamps.

6. *Setting thermostats back at night saves heating energy.* True.

In an average New York home, turning down a thermostat 10° for eight hours a night will save approximately 12 percent of the heating bill.

7. *In an average office area as much as 25 percent of the electrical energy can be saved if lights are shut off when not needed.* True.

8. *Keeping three outside doors in a plant open for one extra hour a day can cost 1,000 gallons of oil in a year.* True.

9. *It takes less gasoline to restart your car than it takes to idle it for more than a minute.* True.

10. *A leaky hot water faucet that fills an ordinary, eight-ounce cup in 10 minutes wastes more than 3,000 gallons of hot water a year.* True.

In one day, nine gallons would be wasted. Over a year, this amounts to 3,285 gallons of wasted hot water. That's equal to 164¼ showers.

Hassled? Harried? Dial HELP

"Help! I need somebody. Help! Not just anybody. Help!. . ."

That Beatles' tune is not far off when it comes to conveying the lost, lonely feeling of not knowing whom to turn to.

At Grumman, men and women do have people to turn to for help. Personnel Relations representatives are just a telephone call away. They recently installed a special hotline number that is easy to remember. Just call Ext. 4357 — HELP on your telephone dial.

Personnel Relations is ready to assist Grummanites solve both work-related and personal problems, from answering corporate policy questions to finding counselling services.

"We're not here to do the supervisor's job," says Leo Kelly, manager of Personnel Relations. "In most cases, an employee problem should and can be solved by the immediate supervisor. When this is impossible, we want people to come and see us."

As the new Personnel Relations poster says, "Communicate with your supervisor when you need answers . . . if further assistance is needed, dial HELP." The telephone line is open from 7:30 a.m. to 5:30 p.m. every day.

GRUMMAN plane news

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Associate Editors
Kathy Housley ext. 3293
Norine Lyons ext. 5119
John Vosilla ext. 5118

Editorial Assistant
Clare Byrne ext. 8999

New hydrofoil patrol boat launched

LANTANA, Fla., May 27, 1981—As a huge tent shaded more than 300 spectators from the Florida sun, Grumman Aerospace launched its new hydrofoil patrol boat built for Israel's Navy.

With the crack of the champagne bottle against its bow, the 100-ton hydrofoil *Shimrit* — The Guardian— slipped into the waters of the Intracoastal Waterway.

Attending the launching ceremony were Grumman Aerospace President George Skurla; Arie Levy, Israel's director of Mission to the U.S. in New York City; Capt. Michael Harel, program director for the Israeli hydrofoil; and officials from Grumman, its subcontractors and the Israeli military.

Onboard. *After the hydrofoil launch, Bob Papaleo (L), Grumman's M161 program director, chats with Lior Margolin of the Israeli M161 team and Capt. Michael Harel (R), Israeli program director.*

In his address, Skurla called the new Israeli craft, "the most advanced hydrofoil vessel in the world today.

"This occasion marks the beginning of what I believe will be a new era in the operational history of the Israeli Navy . . . an occasion which all of us from Grumman are most proud to be part of."

Shimrit, designated Design M161, is a variant of Grumman's Mark II, which was an improved version of the Flagstaff PGH-1, the company's earlier hydrofoil patrol craft. The Flagstaff was delivered to the U.S. Navy in 1968 and later operated with the U.S. Coast Guard on the east and west coasts.

Ready to launch. *Grumman Aerospace President George Skurla (L) and Sarah Harel, wife of the Israeli program director, get ready to launch the new hydrofoil.*

A hydrofoil boat is capable of much higher speeds that a conventional boat because its hull rides above the waves on foils, thus reducing the drag effect of the water.

The all-aluminum Israeli/Grumman boat is 84 feet long and will be capable of speeds of 50 knots when foilborne, and eight knots when riding on its hull. A gas turbine engine powers the boat when it is on its foils; while hullborne it is hydraulically powered.

"The craft is more than a water and foilborne vessel," Skurla told attendees. "It is a unique weapon system, specifically designed to meet a wide variety of Israeli operational requirements."

Congratulating the M161 program participants, Skurla said, "The building of this vessel is truly an accomplishment of an integrated government/industry team effort — the government of Israel and the Grumman company and its many subcontractors and the Lantana Shipyard.

Guardian of the seas

"I believe *Shimrit* will live up to her name — The Guardian — and in the years ahead successfully meet and fulfill all of the operational requirements established for her."

The Israeli/Grumman hydrofoil will be tested in waters near here. After the Israeli government takes delivery of Shimrit, the boat will be transported to Haifa, Israel where it will go into operational service.

Navy F-14 Tomcat family numbers 400

Just 10 years after the first F-14 took to the skies, the 400th Tomcat to wear U.S. Navy insignia left Grumman's Calverton facility on May 27. It was headed for its new home with squadron VF-1, based at the Miramar, California, Naval Air Station.

To date, 480 F-14s have been constructed; 80 were purchased by the government of Iran. The aircraft saw their first operational deployment in 1974 when squadrons VF-1 and VF-2 flew them off the *U.S.S. Enterprise.*

The F-14 Tomcat, designed as a fleet defense aircraft, is considered the most advanced air superiority fighter in the world. In 1980 testimony before the U.S. Congress, Vice Admiral Wesley L. McDonald, Deputy Chief of Naval Operations (Air Warfare), highlighted the vital role of the F-14, stating, "The F-14A and its integral Phoenix missiles combine to form a fighting system that is without equal in the world today. This nonpareil system is now, and will be for many years to come, the frontline maritime air superiority platform."

According to Pete Remington, Grumman's F-14 program director, the F-14 is an effective defender of the fleet because of the many capabilities built into it. Its crew can intercept an enemy 100 miles away, or in a close-in dogfight. With its Phoenix missiles and AWG-9 Weapons Control System, it can take on six different targets at one time.

"Coupling the Navy's ongoing efforts to improve the avionics and radar systems of the Tomcat with the service life extension program now being conducted," Remington says, "the F-14 will be serving the fleet into the next century."

Top cat in the skies. *The Navy accepts its 400th Grumman F-14 Tomcat. Picked up by Lt. Cdr. Harry Milner (looking into the cockpit), a former Grummanite who trained Iranian pilots, and Lt. Cdr. Gary Long, both of ferry squadron VRF-31, it was flown to NAS Miramar.*

Scholarship luncheon is a family affair

Class of 1981. *This year, scholarships were evenly split between Grumman dependents and winners in the open competition. The dependents are shown here with Grumman Corporation President Joe Gavin (2-L), Sr. Vice President — Engineering Tom Kelly (L), and Sr. Vice President — Departmental Operations Larry Mead (R). Scholars (L-R) are: Robert Reichel, Joseph Verzulli, Russell Haynal, Claire Kolensky, Steven Friedel, Theresa Cronin, Frank Hurley, and Michael Levy.*

"I'm glad that I don't have to compete with you," said Vice President — Development Dr. Renso Caporali to the 1981 class of Grumman scholars. "You're an exceptional group."

More than 500 students competed for the Grumman grants this year, the largest group in the scholarship competition's 38-year history.

Caporali was the guest speaker at the annual scholarship luncheon, held on June 2 at the Holiday Manor in Bethpage. The students and their parents, their high school principals and guidance counselors, met with Grumman officials and with the scholars' Grumman advisors.

Caporali's talk centered on up-and-coming programs at Grumman, including forward swept wing aircraft, conformal radar, and VTOL (vertical takeoff and landing) aircraft.

"A VTOL could be operational by the mid-90s," said Caporali. "In time, perhaps, for one of you to be project engineer!"

Grumman Corporation President Joe Gavin presented the guests of honor with their scholarship certificates, with assistance from Caporali and Jack Carroll, vice president — Community Relations for Grumman Corporation.

The Grumman dependents who will receive 1981 Grumman scholarships are:

Theresa Cronin of Northport High School will attend the University of Rochester for electrical engineering. Her father is Jerry Cronin, director of Engineering for Grumman Allied's Flxible division. Her Grumman advisor is Sue Iwanski of the Masters Fellowship program.

Russell Haynal of Riverhead High School will attend Rensselaer Polytechnic Institute to major in physics. He is the son of Bob Haynal, an engineer in Plant 8. Tony Favale of Research is his Grumman advisor.

Claire Kolensky of Massapequa will major in computer science at Duke University. Claire's father, Bill Kolensky, is a computer systems analyst in Plant 30. Her Grumman advisor is Stephanie White of Software Systems.

Michael Levy of Half Hollow Hills West High School will attend Brown University for applied science. He is the son of Paul Levy, an engineer in Plant 40. Jim Bluming of Radio Frequency Equipment Design is Michael's Grumman advisor.

Robert Reichel of Kings Park High School will major in computer science at Princeton University. Robert's father, Herman Reichel, works in Plant 4, Training Systems Engineering. Marty Kesselman of Research is Robert's advisor.

Joseph Verzulli of Comsewogue High School will attend Rensselaer Polytechnic Institute to major in computer science. He is the son of Plant 40's Joseph Verzulli, an electrical engineer. Tom Newman of Computer Equipment Design is his Grumman advisor.

Winners of the open competition are:

Edward Benack of Chaminade High School will attend Cornell University for mechanical engineering. His Grumman advisor is Basil Leftheris of Research.

Bart Cassidy of St. Anthony High School will attend Swarthmore for civil engineering. Jim Whiteside of Research is his Grumman advisor.

Janice Eisen of Walt Whitman High School will major in physics at Massachusetts Institute of Technology. Her Grumman advisor is Jerry Krassner of Research.

Eric Holmes of Westbury High School will attend Princeton University to major in aerospace engineering. Vincent Holder of Manufacturing is his Grumman advisor.

Lisa Sullivan of Cold Spring Harbor High School will attend Princeton University for electrical engineering. Janet Crabbe of Advanced Aircraft Systems is her Grumman advisor.

David Wang of Sachem High School will major in mechanical engineering at Massachusetts Institute of Technology. His Grumman advisor is John Erickson of Structural Design.

Should a scholar become ineligible to accept the Grumman grant, one of the following alternates will take the scholar's place:

Paul Faber of Hauppauge High School will attend Cornell University to major in electrical engineering. Neil Scioscia of Electrical/Electronic Development is his Grumman advisor.

Steven Friedel of Huntington High School will major in chemistry at West Point. He is the son of Richard Friedel, deputy director of Personnel and Administration. Dick Herbermann of Design Engineering is Steven's Grumman advisor.

Frank Hurley of Chaminade High School will attend Rensselaer Polytechnic Institute for computer science. He is the son of Frank Hurley of Plant 10 Quality Control Laboratory. Frank's Grumman advisor is Geoffrey Gardner of Research.

Ralph Pallmer of West Hempstead High School will major in aero engineering at the Air Force Academy. His Grumman advisor is Richard Goodman of the Masters Fellowship program.

Plans for picnic smiles. *The time is coming near for Grumman's 40th Annual Family Picnic at Calverton. Tickets for the July 18th event will soon be on sale at your Employee Service Office. Start planning now to join the fun!*

obituaries

CLARENCE A. McCANN of Q.C. Admin. Services, Pl. 66, died May 17 at the age of 63. He had been with the company since 1975 and resided at Rt. 4, Box 253, Milledgeville, Ga. 31061

ELON K. WILLIAMS of Corp. Instr. Flt. Data, Pl. 4, died May 25 at the age of 35. He had been with the company since 1968 and resided at 36 Mahogany Rd., Rocky Point.

MAURICE P. CURRAN of ILS Equip. Tech. Mgt., Pl. 40, died May 26 at the age of 49. He had been with the company since 1963 and resided at 159 Haypath Rd., Old Bethpage.

Personals

We wish to thank our Grumman family of friends for their thoughts and prayers over the recent loss of our son. Frank and Audrey Lockwood

We wish to express our sincere appreciation for the many expressions of sympathy received during the recent loss of my father. George Reinhardt

We wish to express our deep appreciation for the kindness and generosity extended by my co-workers and friends during the recent loss of my father. Sal Sarro and Family

We wish to express our sincere thanks and appreciation for the kind and thoughtful expressions of sympathy during the recent loss of my mother. Frank Daidone and Family

Milledgeville expands to meet the market

Groundbreaking slated for July

What percentage of parts in future aircraft will be made of composites? Only the future holds the answer, but everyone agrees that composites will play an expanding role.

To be ready for the increased need for these parts, construction will begin this summer on a 87,000 square foot expansion to Grumman's composite facility in Milledgeville, Georgia.

The groundbreaking is scheduled to take place in July and construction should be completed by end of 1982.

According to Bill Zarkowsky, vice president and general manager of Milledgeville Operations, the increased space will more than double the production capacity of the plant. "We are preparing for increased business," he says. "This expansion will enable us to handle increased military and government work, and a small quantity of commercial work."

By the end of 1983, Zarkowsky expects that the number of Grummanites in Plant 66 will have doubled from the present 503.

Milledgeville opened its doors in 1975 to manufacture composite parts from such high-strength, low-weight materials as boron, fiberglass, Kevlar, graphite/epoxy and plastics. These materials, used separately, together, or bonded to metal components, appear on all five Grumman aircraft, as well as in other military and commerical projects.

The plant expansion will include a new paint facility and a new bonding pre-treatment line and waste disposal system, in addition to increased manufacturing and warehouse space.

Adding room. *This is what Plant 66 will look like when expansion is completed at the end of 1982.*

As preparations to build the extension fall into place, new equipment is being added to the facility.

Two autoclaves — large, tank-like vessels which generate high temperatures at high pressures — are slated for installation.

One, a 10 foot wide by 30 foot deep unit, should be curing parts by September.

The second one is 50 feet long inside and almost 12 feet wide. During the curing process, which is done to make adhesives bond, bleed out resins and squeeze out volatile gases from the parts, temperatures in the larger unit could reach 400° F at pressures as high as 125 pounds per square inch. Approval for the installation of this unit is pending.

Boeing accepts first 757 spoilers

The first shipset of 757 wing spoilers produced at Grumman's Milledgeville facility was delivered to Boeing on May 28. The 12 spoilers making up the shipset were the first segment of a multi-million dollar contract calling for the production of 200 shipsets, with options for 200 more.

"This delivery marks the beginning of our largest production effort using graphite composite materials," says William Zarkowsky, vice president and general manager of Milledgeville Operations.

The spoilers, which are flight control surfaces on the upper wing, are about six feet long, 27 inches wide and weigh 21 pounds. They have a core of non-metallic honeycomb with an outer surface of graphite epoxy. Production of these 757 components started at the end of 1980.

The Boeing 757 is a new, twin-engine, short-to-medium range jetliner. It combines an efficient, six-seat abreast fuselage with new technology wing and engines to give the best fuel mileage of any standard-body airlines. It will carry about 178 passengers.

The first flight of the 757 is scheduled for February 1982. Airlines will begin receiving the plane in January 1983.

Multiple choice for metrics

It probably slipped by unnoticed. You were terribly busy, one thing led to another, and National Metric Week — May 10-16 — came and went. You didn't even send your grandmother a card, did you?

Well, never mind. Here's a metric quiz, offered in belated commemoration of the feast.

1. A gram weighs about the same as: (a) an apple (b) a dime (c) a pineapple

2. A meter is about the height of: (a) a door (b) a kitchen counter (c) the seat of a chair

3. Water freezes and boils at: (a) 32° and 212°C (b) 100°C and 200°C (c) 0°C and 100°

4. A coffee cup holds about: (a) 2 milliliters (mL) (b) 20 mL (c) 250 mL

5. A newborn baby weighs about: (a) 3 kilograms (kg) (b) 30 kg (c) 300 kg

6. The height of a tall man is about (a) 20 centimeters (cm) (b) 200 cm (c) 2,000 cm

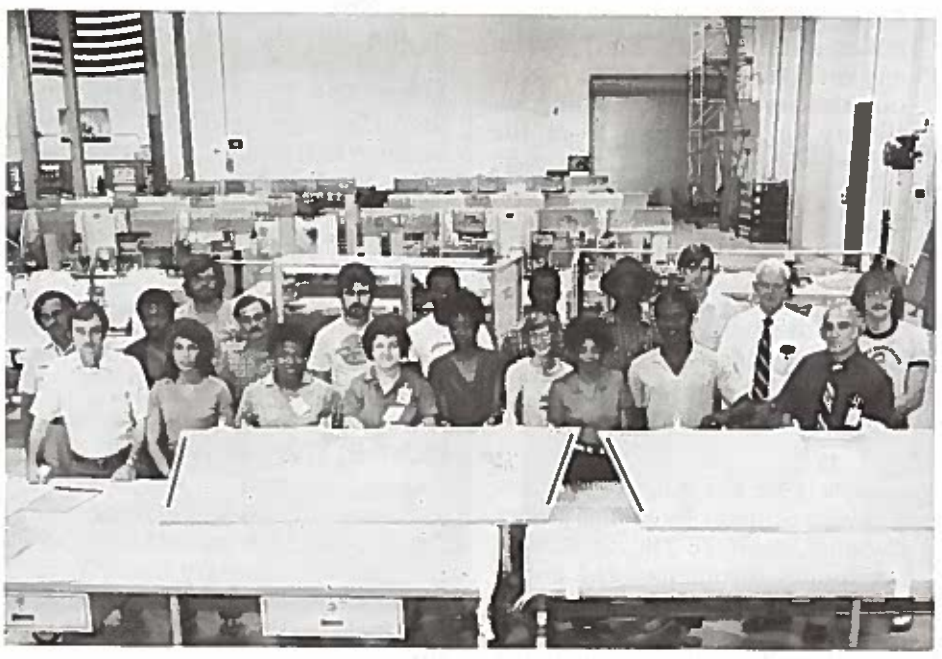
7. Normal body temperature is: (a) 25°C (degrees Celsius) (b) 37°C (c) 45°C

8. A liter of milk is (a) larger than a quart (b) smaller than a quart (c) the same size as a quart

9. A liter of water weighs (a) 1,000 grams (g) (b) 10 g (c) 100 g

10. The thickness of a dime is about (a) 0.1 millimeters (mm) (b) 1 mm (c) 5 mm

Answers: 1-b; 2-b; 3-c; 4-c; 5-a; 6-b; 7-b; 8-a; 9-a; 10-b.



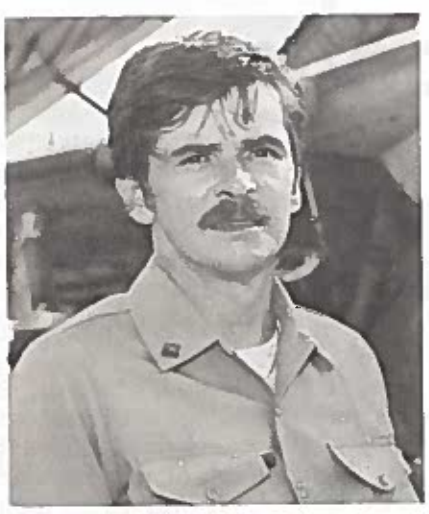
Teamwork. *Producing spoilers for Boeing's 757 airliners is a big job. In fact, it's the largest contract they've had in Milledgeville.*

people

Meet 'JQ'

Everybody wants to get their pictures in the paper, especially if that paper is Whidbey Island's award winning weekly *Crosswind.* According to Assistant Editor Eileen Cushway, they get between 40 and 50 submissions a week. Most are about the outstanding sailor in a unit. But only twice did they ever profile a representative from a Navy supplier. "It's got to be a really firecracker rep," she says. In the April 10 issue they had one. His name is John Quinn, and he's a Grummanite.

Quinn joined Grumman in 1968 and became a member of Field Operations two years later. Since then he's been with VA-



John Quinn

145, an A-6 squadron. He's become known as "JQ" to the sailors in the squadron.

In his profile of Quinn, Lt. J.G. Joe Allison, the squadron's public information officer, said, "When any member of VA-145 . . . seeks out the Swordsmen's leading authority on everything from the complex A-6 computer to liberty, they generally head to John Quinn . . . ."

Quinn says that he enjoys his job as a rep, especially the part he spends at sea. "It's less hectic than being on shore duty."

Only in America

Each year the American Scandinavian Student Exchange places students, aged 16-18, in American homes throughout the country.

American host families on Long Island are being sought for 12 Scandinavian high school students for the 1981-82 school year. These students will arrive in the U.S. in late August, attend local high schools and return home in June 1982.

The students, all fluent in English, have been screened by their school representatives in Scandinavia and have pocket money and medical and liability insurance.

Interested families should contact: Penny Tarplin, Regional Director, 141 South Windsor Avenue, Brightwaters, N.Y. 11718. Telephone: (516) 666-8404.

Good fellow

Chuck Sewell was a well-prepared speaker at the recent International Order Of Characters' Aero Space Symposium in Stamford, Connecticut. The Grumman chief test pilot's topic: "The Birth of the F-14." Sewell put the first Tomcat through its paces over a decade ago.

The International Order of Characters consists of 300 aviation enthusiasts, including Gen. James Doolittle, Gen. Adolf Galland, Sen. Barry Goldwater, and now, Grummanite Chuck Sewell. The fraternal educational foundation asked Chuck to join the elite group.

Summer hosts

The New York City Fresh Air Fund is looking for Long Island families who would like to spend a few weeks as hosts to inner-city children.

Each year, needy children from New York City visit families in the suburbs and countryside for free, two-week summer vacations. The children join in the family's daily activities: playing in the yard, helping in the house, and doing whatever the host's children do.

As a host, you may request a child of the age and sex which will best suit your family.

For more information, contact L. Dousette, (516) 475-5135 or J. Lutz, (516) 289-3922.

Home, sweet home

Can you provide a caring home for a youngster on either a permanent or temporary basis? Your guidance, love and understanding can make a difference in a child's life.

Nassau County Department of Social Services will assist you in providing for a youngster. A foster family receives a monthly board rate and clothing allowance, plus medical and dental expenses for the child. Financial and medical subsidies may be available for families who wish to make children a permanent part of their lives through adoption.

To learn more about the adoption and foster care programs, call Nassau County Department of Social Services, (516) 535-3946.

Mr. Chairman

Harry Volz, deputy director of Security and Corporate Services, has been elected chairman of the Industrial Security Committee of the Aerospace Industries Association for 1981-82.

The committee is responsible for working with the Department of Defense in the joint development and refinement of the industrial security program.

AIAA director

George Frankel, section head of Structural/Systems Test, has been elected Region I director of the American Institute of Aeronautics and Astronautics (AIAA). Region I includes 13 Northeastern states and consists of 7,000 members.

Frankel's election was announced at the 50th AIAA meeting held in Long Beach, California, last month. At that same conference, he received the AIAA distinguished service award. Since 1967, the award has been presented to only 17 individuals "who have made great contributions over a period of years by service to the Institute."

Logical choice

Dr. Fuh-lin Wang, a technical advisor with ILS, received a regional award from the Institute of Electrical and Electronics Engineers "for advancing the state-of-the-art of digital automatic test program generation." This is in addition to an award he shared with Dr. Heinz Schreiber for having presented one of the top five papers out of 120 printed at a national test conference.

"We are considered one of the most advanced companies in the field of automatic test circuits," says Dr. Wang, who came to Grumman from IBM in 1972. The Beijing-born electrical engineer holds patents on a number of digital computer logic designs. "When I came to Grumman, I had a chance to carry out some of my own ideas."

calendar

Aikido Club: every Mon. and Wed., 5:15 p.m., GAA bldg.; for sport and self-defense; L.I. Aikido Federation; all Grumman employees welcome. B. Bauman, Ext. 3013

Amateur Radio Club: every 3rd Wednesday of the month. Wed., June 17, Pl. 5 mezzanine conference rooms A & B. Plans for Field Day. D. Townes, Ext. 2889

C.B.I. Vets Association: Sat., June 27, Wickers Restaurant, Hicksville, 11:30 a.m. Installation of Officers for 1981. Reservation only, make check payable to Grumman BASHA, send to W. Zywan CO5-14. W. Pytlowany, Ext. 8617/W. Zywan, Ext. 6154

Coin Club: (Calverton) every Fri., noon lunch, Pl. 6 conference room. W. Kondratowicz, Ext. 6680.

Dance Club: every Wed., 5-8 p.m., Recreation bldg. Guests welcome. G. Cupolo, Ext. 4155

Fencing Club: every Wed., 4:30-6:00 p.m., Recreation bldg. Guests welcome. J. Hayne, Ext. 5556/P. Chaldaris, Ext. 3638

Folk Dancer's Club: (Calverton) every Thurs., 2nd floor, Pl. 6, lunchtime, Grumman employees only. J. Hamelman, Ext. 117-6835

Grumman Ski Club: Wed., June 17, Crow's Nest Restaurant, Melville, 8:30 p. m. Guests welcome. A Garmendia, Ext. 7819/8910

Grumman Toastmasters Club: Wed., June 17, Plant 111, Buffeteria lower level, 5 p.m. Regular meeting. Guests welcome. Toastmaster "Speechcraft" educational program begins June 10 at 5 p.m. and runs every Wednesday through July 29. Opportunity for all to conquer fear of speaking before audiences. C. Peterson, Ext. 4930

Karate Club: every Tues. and Thurs., Recreation bldg., beginners 4:30 to 5:30 p.m., advanced 5:30 to 7:00 p.m., black belt instructors, physical and mental development; guests welcome. T. Ortiz, Ext. 4764

Model Railroad Society: every Wed., 7 p.m., Recreation bldg. Regular meeting. Guests welcome. R. Muntz, Ext. 115-6330

Motorcycle Club: Wed., June 17, Recreation bldg., 5 p.m., regular monthly meeting. K. Mann, Ext. 5195

Photography Club: Mon., June 22, Recreation bldg., 5 p.m. Guests welcome. D. Burdish, Ext. 115-8493

Professional Secretaries International: Thurs., June 18, Polish Independent Club, Riverhead, 6:30 p.m. Monthly dinner meeting. Presentation of Scholarship Award; Installation of 1981/82 Officers. Dinner is $7.00 including tax and tip. Guests welcome. E. Gaias, Ext. 117-7397

Roller Skating Club: every Thurs., Levittown Skating Rink, 7:30 to 11 p.m. Lessons 6:30 to 7:30 p.m. Guests welcome. H. Denen, Ext. 2291

Stamp Club: First three Wed. of every month; 5-6 p.m., Pl. 35 cafeteria; trading sessions and discussions. S. Hoops, Ext. 3926/8586

Table Tennis: every Thurs., Pl. 24, 5 p.m. and every Fri., Recreation bldg., 5 p.m., also every lunchtime. Recreation bldg. Beginners and guests welcome. B. Fabricant, Ext. 9307

Tap Dancing Club: every Monday, Recreation bldg., 4:45 to 5:30. Beginners and guests welcome. P. Tropea, Ext. 8091

Tennis Club: Wed., June 17, Recreation bldg., Room A, 5 p.m. Beginners to advanced players welcome. J. Blumling, Ext. 5184/B. Owen, Ext. 7629

The night they rated Minsky

Over 45 golfers vied for the eight slots on the 1981 Grumman varsity squad. One thing was evident during this year's tryouts: the Bethpage State Park black course definitely separates the stars from the pack.

As in the 1980 trials, Jim Minsky led the varsity hopefuls from the beginning to the end. The team captain who took the varsity to the 1980 winner's circle shot 73-76-83-232 to earn the number one varsity position for the second year in a row.

Jim Alverson is no stranger to the varsity line-up. Though injuries accounted for his poor showing in the 1980 trials, Alverson returns to the team in the same form as in past years when he was a varsity standout. Throughout the three rounds, he held onto the number two residency. He shot 74-82-80-236.

Also carding 232 was Bob Murray. After rounds of 85 and 75, Murray found himself in seventh place going into the final night of play. He added a 76 game to his total and ended the series in a tie with Alverson.

Like Alverson, Joe Gambino is also returning to the lineup after a mediocre showing in the 1980 trials. He earned a varsity spot by shooting 83-77-79-239. Perry DiMattia tied with Gambino by registering rounds of 77, 82, and 80.

Also returning from last year's championship squad are: Al Herring, 78-78-87-243; Steve Lake, 84-82-78-244; and Bob Chalus, 83-81-81-245.

Those golfers who missed the final cut were: William Suppa, 246; Tony Cisco, 248; Vin Annunziata, 248; Walter Steigle, 249; Eugene Goleski, 250; Chris Brown, 251; Doug Keuling, 251; Forrest White, 252; and Tom Kantorcik, 263.

Par-fectly posed. *The rest of the Long Island Industrial Golf League better not get this group teed off. They just might run away with the championship. The members of Grumman's varsity team are: (L to R) Jim Minsky, Jim Alverson, Bob Murray, Joe Gambino, Perry DiMattia, Al Herring, Steve Lake, Coach Gene Goltz and Bob Chalus.*

Iran vets plan reunion

All those who worked in Iran on the F-14 program are invited to a reunion on Saturday, July 25, from noon to 5 p.m. at the Great River picnic grounds.

Admission prices are $6 for adults, and $3 for children aged six to 12; children under six will be admitted free. Make checks payable to: VIP Picnic.

Included in the admission price are hamburgers, hot dogs, chicken and salads. Attendees will supply their own beverages.

If you wish to attend, look for the notices on your plant bulletin boards for the name of the picnic representative in your area. No tickets will be sold at the gate.

Those currently living off Long Island who are interested in coming to the picnic should contact Don Bennett, (516) 575-5130 in Bethpage. His address is Grumman Aerospace Corp., C41-05, Bethpage, N.Y. 11714.

Top keglers: Three Bolts and a Nut

Twenty-two championship teams from the Grumman Recreation-sanctioned bowling leagues clashed at the 11th annual tournament of champions on Sunday, May 31, at the Sheridan Lanes in Mineola.

The Three Bolts and a Nut team, representing the Friday Night Mixed league, became the champs by rolling a 2,584 handicap series. Members of the winning squad are Burt Yanoff, Ron Winter, Bill Quinn, Ellen Steimle and Gary Slater.

Finishing in second place was the Jolly's Boys team from the Great River Green league. John Jolly, Ed Stone, Stan Markiewicz and Al Kaste combined forces and rolled a 2,475 handicap series.

Third place honors went to the Pinheads of the Outpost league. The Pinheads — Bernie Poelker, Dick Chiafolo, Stan Rakowski, Frank Magri and Ed Homburger — rolled a 2,451 handicapped series.

In the individual competition, Ron Winter of the Friday Night Mixed league set a new high handicap three-game series for men by rolling 717.

Winter also bowled high game for men, 256, but tourney rules state that only one individual trophy can be given to a bowler. John DiSalvo and Ed Gabriel tied for high game honors with their 234 games.

Like Winter, Kathy Lucas of the Outsider league walked away with both high handicap series and high game. Lucas knocked down the pins for a 668 tourney high series for women — just five pins off the tournament record held by Arleen Schwemmer.

Lucas also missed the tournament record for high women's game by five pins. She bowled a 212 game. Due to tourney rules, Ellen Steimle received the high game trophy for her 195 game.

Champ of champs. *Three Bolts and a Nut — (L to R) Bill Quinn, Ellen Steimle, Burt Yanoff and Ron Winter — captured the 1981 bowling tourney title.*

High game. *Ed Gabriel (L) and John DiSalvo won trophies.*

Top kegler. *Kathy Lucas won the high series trophy for women.*

scorecard

Floral arrangements

It's time to begin preparing your entries for this year's bouquet of flower shows. Mark these dates and locations down on your calendar:

Summer show—June 16, Plant 30

Great River show—August 26, Plant 43

Fall show—September 15, Plant 35

Hole-in-one

Pete O'Donnell provided a little excitement for his golf buddies in the Flight Test Center league recently.

On the first night of play this season, Pete stepped up to the 13th tee at the Swan Lake golf course. He swung his six iron. The ball travelled about 130 yards, bounced a couple of times and then dropped into the cup. Says Pete, "I hope I don't have to wait another 50 years for my second hole-in-one."

High bidders

This season, Grumman captured the Long Island Industrial Bridge League championship.

The team, which consists of John James, Jean Montague, Art Frank, Herman Louie, George Patterson and Val Kirillin defeated Sperry Systems Division in a 24-board, sudden death final match.

The Grummanites will be travelling to Boston, Massachusetts, to participate in the Commercial Teams National Championship Tourney, July 23 to August 2.

Winning hand. *These members of the Grumman bridge team captured the Long Island Industrial championship: standing (L to R) — Herman Louie, George Patterson, Val Kirillin; sitting — John James, Jean Montague, and Art Frank.*

Sunshine show. *At Stuart Operations in Florida, Ed Dalva (L), vice president and general manager, congratulated the winners of the fourth annual flower and plant show: front row (L to R) — Cathy McCreary, Charlene Castagnero, Arlene Hughes and Kay Danza; back row — Lee Bell, Pam Harless, Ray Radke, Dolores Haddes, and Frank Laurito. Harless won the grand award. Other winners (not shown) were Martha Bell, Steve Wismann, Doris Byrd and Ray Decker.*

Talk isn't cheap

Imagine making a short telephone call back home from France. When you check out of your hotel, the clerk hands you a bill that includes a $300 hotel surcharge for your telephone call. Such incidents happen every day.

Surcharges as high as 340 percent can be tacked onto your hotel bill in Europe. Here in the United States, travellers have been protected from these outrageous fees by regulations. Unfortunately, these regulations against excessive telephone surcharges are becoming obsolete.

In New York State, the law which limits these surcharges will be eliminated on May 1, 1981. Other states have or are ready to follow suit.

In the near future, hotels, motels and hospitals will be able to charge whatever the traffic will bear for telephone usage from their premises.

Grumman's Telecommunication Services department suggests that business travellers try to lodge at overseas hotels that subscribe to TELEPLAN. TELEPLAN is an agreement between tourist ministries and hotel associations to limit telephone surcharges. Around the world, Hilton and Marriott hotels and several others participate in TELEPLAN.

Domestically and internationally, the wise traveller will check with hotel management about its telephone surcharge policy prior to making telephone calls.

Additional information is available from Telecommunication Services, Ext. 4800.

Need a ride?

EAST NORTHPORT: or vic to Bethpage corp. hq, 8am-4:30pm. J. Schwarz X8459

EAST PATCHOGUE: to plt 111, 8-4:30 shift. J. Brown X8320

LEVITTOWN: vic Prairie Lane & Gardiners Ave or Center Lane to plt 40, 7:30 am-4pm or 7:48am-4:18pm, will pay. D. Finkelstein 115-3457

SMITHTOWN: Rose Lane, to plt 006 Calverton. J. Lang X6751

WEST ISLIP: Hunter/Higbie/Udall area to plt 5 or 25, 8-4:30 shift. N. Obreiter X8215

GRUMMAN plane news

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